

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
2026-4149US3

SERIAL NO.
08/977,221

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT(S)
M. L. Stracke, et al.

FILING DATE
November 24, 1997

GROUP ART UNIT
1652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

JC688 U.S. PTO
09/483831
01/17/00

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

PAK		M. Narita, et al., "Molecular Cloning, Expression, and Localization of a Brain-Specific Phosphodiesterase I/Nucleotide Pyrophosphatase (PD-Iα) From Rat Brain," <i>The Journal of Biological Chemistry</i> , 1994, pp. 28235-28242.
		R. M. Warn, et al, "Motility Factors on the March," <i>Nature</i> , Vol. 340, July 20, 1989, pp. 186-187.
↓		M. Stoker, et al. "Scatter Factor is a Fibroblast-Derive Modulator of Epithelial Cell Motility," <i>Nature</i> , Vol. 327, May 1987, pp. 239-242.

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RAY		B. Alberts, et al. "Molecular Biology of the Cell," Garland Publishing, Inc. (1983).
		K. Yoshida, et al. "Studies On The Mechanisms of Invasion in Cancer. I. Isolation and Purification of a Factor Chemotactic For Cancer Cells," <i>Int. J. Cancer</i> , 1970, pp. 123-132.
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	5,003,047	3/26/91	Yarmush, et al.			

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					<div style="display: flex; justify-content: space-between;"> YES NO </div>
WO 93/14202	07/22/93	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

<div style="font-family: cursive; font-size: 1.5em;">PAK</div>		M. Narita, et al., "Molecular Cloning, Expression, and Localization of a Brain-Specific Phosphodiesterase I/Nucleotide Pyrophosphatase (PD-Iα) From Rat Brain," <i>The Journal of Biological Chemistry</i> , 1994, pp. 28235-28242.
<div style="font-family: cursive; font-size: 1.5em;">PAK</div>		M. L. Stracke, et al., "Identification, Purification, and Partial Sequence Analysis of Autotaxin, a Novel Motility-stimulating Protein", <i>The Journal of Biological Chemistry</i> , Vol. 267, February 5, 1992, No. 4, 1992, pp. 2524-2529.
<div style="font-family: cursive; font-size: 1.5em;">PAK</div>		H. Watanabe, et al. "Purification of Human Tumor Cell Autocrine Motility Factor and Molecular Cloning of Its Receptor," <i>The Journal of Biological Chemistry</i> , Vol. 20, July 15, 1991, pp. 13442-13448.

EXAMINER	DATE CONSIDERED 125/01
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RAP ↓ A			S. Silletti, et al. "Purification of B16-F1 Melanoma Autocrine Motility Factor and Its Receptor," <i>Cancer Research</i> , July 1, 1991, pp. 3507-3511.
			T. Ohnishi, et al. "Motility Factor Produced By Malignant Glioma Cells: Role in Tumor Invasion," <i>J. Neurosurg.</i> , Vol. 73, December 1990, pp. 881-888.
			K. Michael Weidner, et al., "Scatter Factor: Molecular Characteristics and Effect on the Invasiveness of Epithelial Cells," <i>The Journal of Cellular Biology</i> , Vol. 111, November 1990, pp. 2097-2108.

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PAR			E. M. Rosen, et al. "Purified Scatter Factor Stimulates Epithelial and Vascular Endothelial Cell Migration," <i>Society for Experimental Biology and Medicine</i> , Copyright 1990, pp. 34-43.
			R. M. Warn, et al, "Motility Factors on the March," <i>Nature</i> , Vol. 340, July 20, 1989, pp. 186-187.
↓			E. Gherardi, et al., "Purification of Scatter Factor, a Fibroblast-Derived Basic Protein That Modulates Epithelial Interactions and Movement," <i>Proc. Natl. Acad. Sci.</i> , Vol. 86, August 1989, pp. 5844-5848.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

PAR ↓		M. L. Stracke, et al., "The Type Insulin-Like Growth Factor Receptor Is A Motility Receptor in Human Melanoma Cells," <i>The Journal of Biological Chemistry</i> , Vol. 264, December 25, 1989, pp. 21544-21549.
		S.L. Schor, et al., "Foetal and Cancer Patient Fibroblasts Produce an Autocrine Migration-Stimulating Factor Not Made by Normal Adult Cells," <i>Journal of Cell Science</i> , 1988, pp. 391-399.
		K. D. Atnip, et al. "Chemotactic Response of Rat Mammary Adenocarcinoma Cell Clones to Tumor-Derived Cytokines," <i>Biochemical and Biophysical Research Communications</i> , Vol. 146, August 14, 1987, pp. 996-1002.

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PAR		M. Stoker, et al. "Scatter Factor is a Fibroblast-Derive Modulator of Epithelial Cell Motility," <i>Nature</i> , Vol. 327, May 1987, pp. 239-242.
		L. A. Liotta, et al. "Tumor Cell Autocrine Motility Factor," <i>Proc. Natl. Acad. Sci.</i> , Vol. 83, May 1986, pp. 3302-3306.
✓		S.J. Singer, et al. "The Directed Migration of Eukaryotic Cells," <i>Ann. Rev. Cell Biol.</i> , pp. 337-362.

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RAR		I.R. Nabi, et al. "Identification of B16-F1 Melanoma Autocrine Motility-Like Factor Receptor," <i>Cancer Research</i> , January 15, 1990, pp. 409-414.
		B. Alberts, et al. "Molecular Biology of the Cell," Garland Publishing, Inc.
✓		G. J. Todaro, et al. "Transforming Growth Factors produced by Certain Human Tumor Cells: Polypeptides That Interact With Epidermal Growth Factor Receptors, <i>Proc. Natl. Acad. Sci.</i> , Vol. 77, No. 9, September 1990, pp. 5258-5262.

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PAR ↓	K. Yoshida, et al. "Studies On The Mechanisms of Invasion in Cancer. I. Isolation and Purification of a Factor Chemotactic For Cancer Cells," <i>Int. J. Cancer</i> , pp. 123-132.
	J. Murata, et al., "cDNA Cloning of the Human Tumor Motility-stimulating Protein, Autotaxin, Reveals a Homology with Phosphodiesterases", <i>The Journal of Biological Chemistry</i> , Vol. 269, No. 48, December 2, 1994 pp. 30479-30484.

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